

**Table 4-1**  
**Quashnet River and Bogs Stream Gauging Measurements**  
**April 2001 - April 2002<sup>1</sup>**

Location	Stream Characteristics	4/30/2001	7/1/2001	10/1/2001	1/29/2002	5/2/2002 <sup>1</sup>
36SG0001B	Area (ft <sup>2</sup> )	10.71	12.72	11.83	3.98	5.89
(Quashnet River)	Velocity (fps)	0.73	0.5	0.4	0.77	1.03
	Discharge (cfs)	7.79	6.33	4.68	3.06	6.06
	Staff Gauge (ft)	0.66	0.86	0.80	0.14	0.34
	SW Elevation (ft msl)	29.15	29.35	29.29	28.63	28.83
36SG0200A	Area (ft <sup>2</sup> )	NM	16.6	15.97	NM	18.73
(Quashnet River)	Velocity (fps)	NM	0.36	0.29	NM	0.25
	Discharge (cfs)	NA	6.03	4.67	NA	4.68
	Staff Gauge (ft)	NM	1.61	1.48	NM	1.94
	SW Elevation (ft msl)	NM	30.60	30.47	NM	30.93
36SG0301C	Area (ft <sup>2</sup> )	NM	4.09	4.30	NM	2.28
(K2 Bog)	Velocity (fps)	NM	0.06	0.06	NM	0.09
	Discharge (cfs)	NA	0.23	0.26	NA	0.21
	Staff Gauge (ft)	NM	0.68	0.69	1.73	0.33
	SW Elevation (ft msl)	NM	31.90	31.91	32.95	31.55
36SG0015A	Area (ft <sup>2</sup> )	2.11	5.61	4.71	NM	6.21
(Quashnet River)	Velocity (fps)	1.68	0.29	0.16	NM	0.25
	Discharge (cfs)	3.55	1.63	0.76	NA	1.58
	Staff Gauge (ft)	0.36	0.96	0.83	2.70	0.82
	SW Elevation (ft msl)	30.58	31.18	31.05	32.92	31.04
36SG0201A	Area (ft <sup>2</sup> )	1.41	NA	1.83	NM	NM
(K2 Bog)	Velocity (fps)	0.03	NA	0.04	NM	NM
	Discharge (cfs)	0.04	NA	0.08	NA	NA
	Staff Gauge (ft)	0.24	0.28	0.22	2.30	0.33
	SW Elevation (ft msl)	30.77	30.81	30.75	32.83	30.86
36SG0303A	Area (ft <sup>2</sup> )	NM	NM	NM	NM	NM
(K2 Bog)	Velocity (fps)	NM	NM	NM	NM	NM
	Discharge (cfs)	NA	NA	NA	NA	NA
	Staff Gauge (ft)	0.50	0.72	0.54	2.47	0.56
	SW Elevation (ft msl)	30.89	31.11	30.93	32.86	30.95

Data Source: Jacobs, October 2002, Site Environmental Evaluation (SEE) database.

Notes:

cfs = cubic feet per second

fps = feet per second

ft = feet

ft msl = feet mean sea level

ft<sup>2</sup> = square feet

NA = not available (no field measurement)

NM = no measurement

SW = surface water

<sup>1</sup> Planned 2002 April measurement was conducted on 03 May 2002 due to flooded bog condition.